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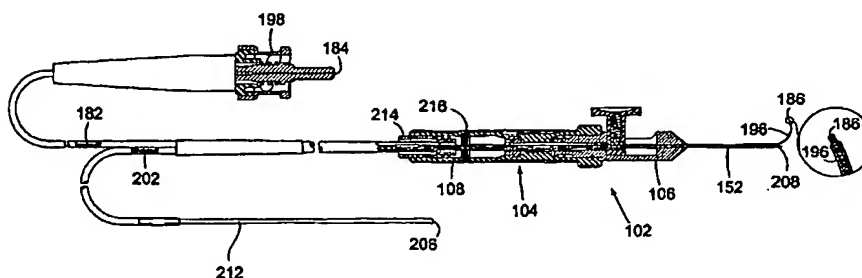
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- (74) Agents: ROLNICKI, Joseph M. et al.; Thompson Coburn LLP, One US Bank Plaza, St. Louis, MO 63101 (US).
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(54) Title: ILLUMINATED LASER PROBE WITH ADJUSTBLE AREA OF ILLUMINATION



(57) Abstract: An illuminated laser probe primarily designed for ophthalmic surgery provides both illumination light to a surgical site and laser light to the surgical site. The probe has an elongate handle (12) with a tubular tip extending from a distal end (16) of the handle. A length of illumination optic fiber (82) and a length of laser optic fiber (72) extend through the handle and the tip. A mechanism (66) is provided on the handle at a position where the mechanism can easily be manipulated by a finger of a surgeon's hand holding the handle. The mechanism (66) is operatively connected with the laser optic fiber (72) and is manipulated to selectively extend a distal portion of the optic fiber from the instrument tip and retract the distal portion of the optic fiber back into the instrument tip.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/38176

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A61B 18/18 US CL : 606/015 According to International Patent Classification (IPC) or to both national classification and IPC														
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 606/015 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)														
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>US 5,281,214 A (Wilkins et al.) 25 January 1994 (25.01.1994), see Fig. 5 and claims 1, 9, and 12.</td> <td>1-16</td> </tr> <tr> <td>Y</td> <td>US 5,855,577 A (Murphy-Chutorian et al.) 5 January 1999 (05.01.1999), see the entire document.</td> <td>1-16</td> </tr> <tr> <td>Y</td> <td>US RE 36,473 E (Esch et al.) 28 December 1999 (28.12.1999), see the entire document.</td> <td>1-16</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	Y	US 5,281,214 A (Wilkins et al.) 25 January 1994 (25.01.1994), see Fig. 5 and claims 1, 9, and 12.	1-16	Y	US 5,855,577 A (Murphy-Chutorian et al.) 5 January 1999 (05.01.1999), see the entire document.	1-16	Y	US RE 36,473 E (Esch et al.) 28 December 1999 (28.12.1999), see the entire document.	1-16
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<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.														
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Authorized officer Ahmed M. Farah Paralegal Specialist Telephone No. (703)305-3590 Tech. Center 3700												